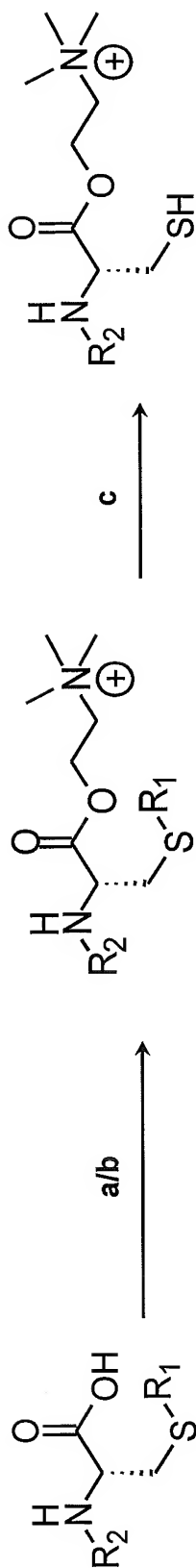


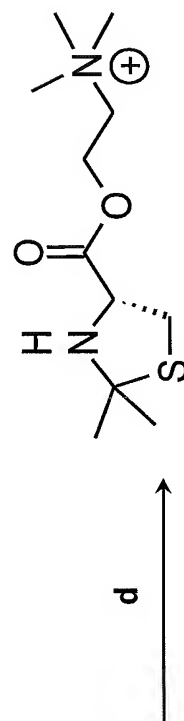
# REPLACEMENT SHEET



13, R<sub>2</sub> = CH<sub>3</sub>CO  
14, R<sub>2</sub> = H

11 (from 9 by a), R<sub>1</sub> = TRITYL, R<sub>2</sub> = CH<sub>3</sub>CO  
12 (from 10 by b), R<sub>1</sub> = TRITYL, R<sub>2</sub> = COOC(CH<sub>3</sub>)<sub>3</sub>

9, R<sub>1</sub> = TRITYL, R<sub>2</sub> = CH<sub>3</sub>CO  
10, R<sub>1</sub> = TRITYL, R<sub>2</sub> = COOC(CH<sub>3</sub>)<sub>3</sub>



15

FIG. 1

# REPLACEMENT SHEET

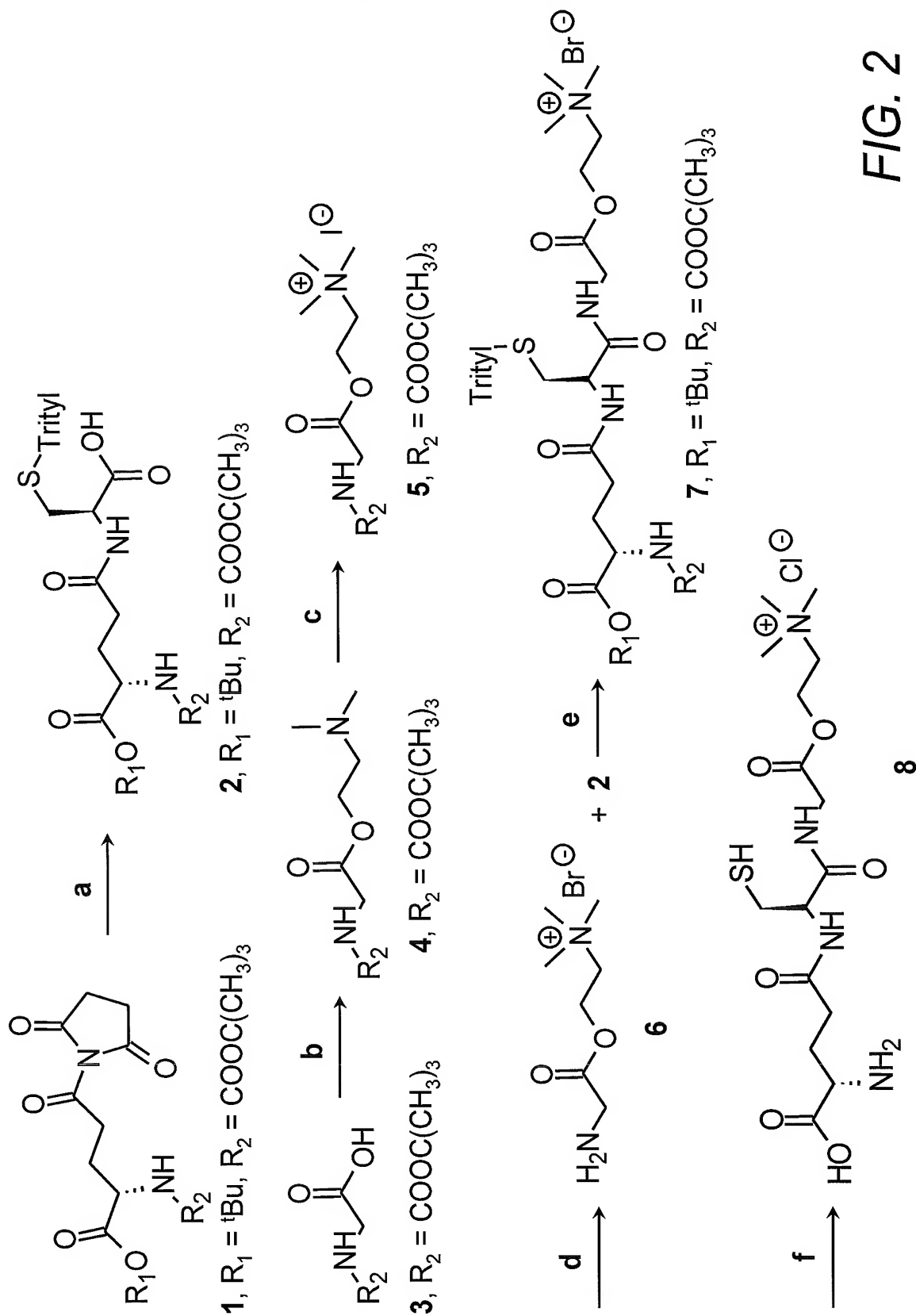


FIG. 2

# REPLACEMENT SHEET

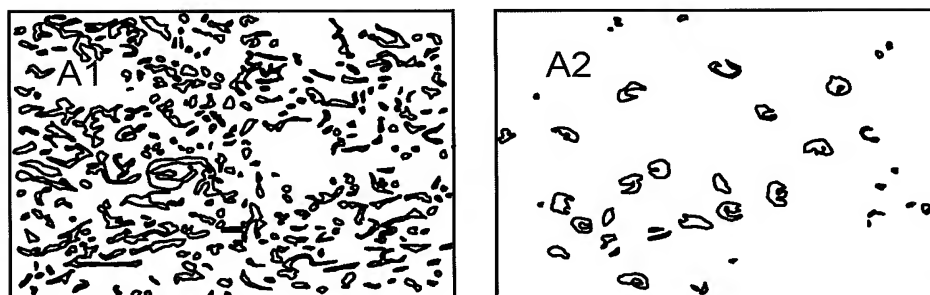


FIG. 3A



FIG. 3B

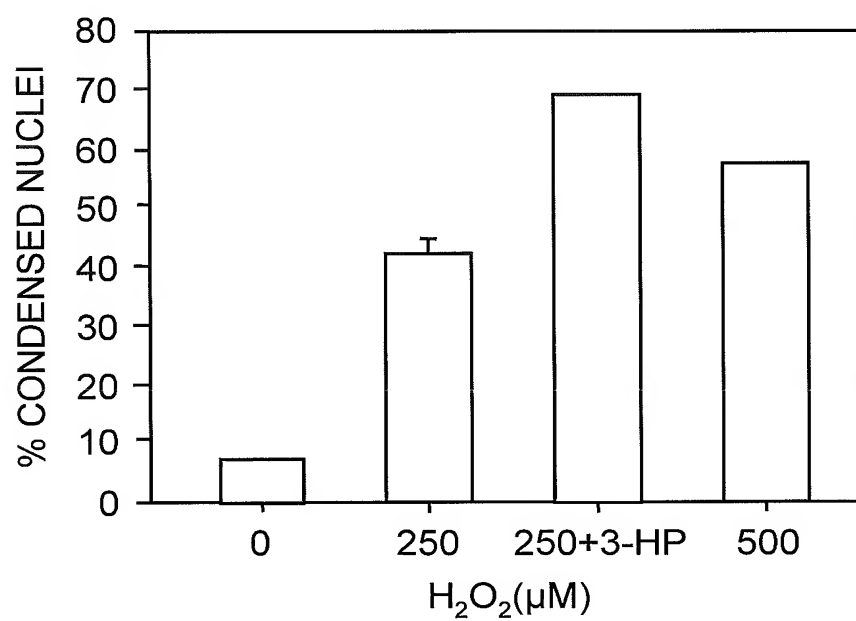
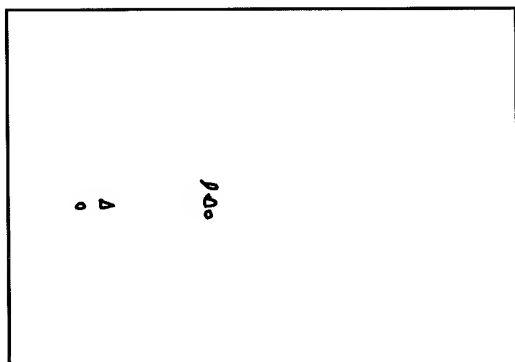
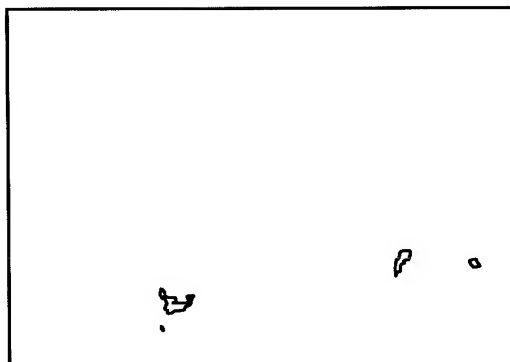


FIG. 3C

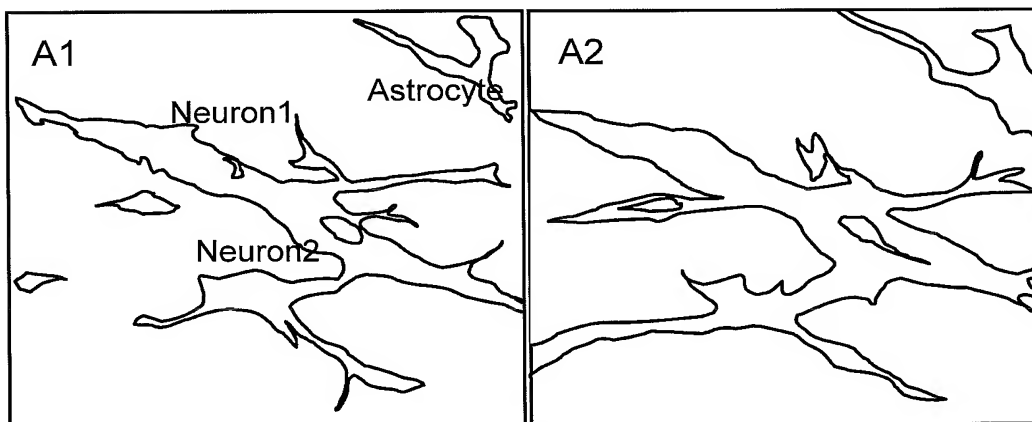
# REPLACEMENT SHEET



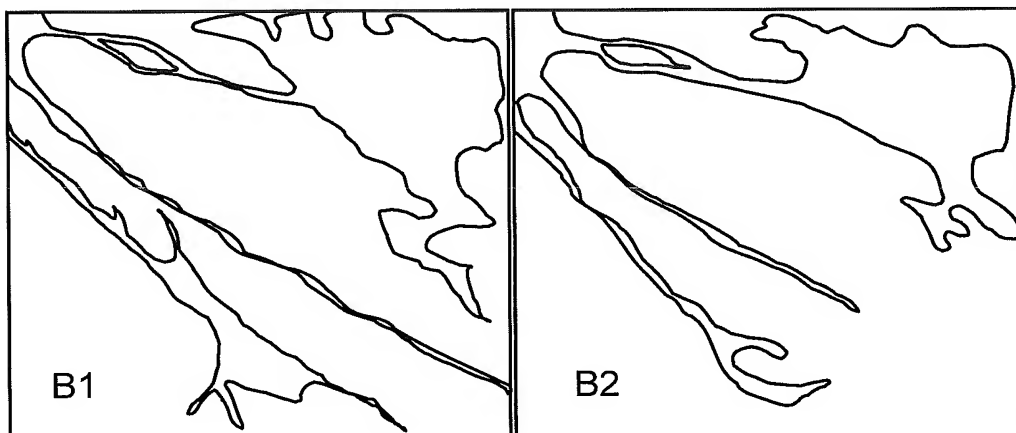
*FIG. 3D*



*FIG. 3E*



*FIG. 4A*



*FIG. 4B*

# REPLACEMENT SHEET

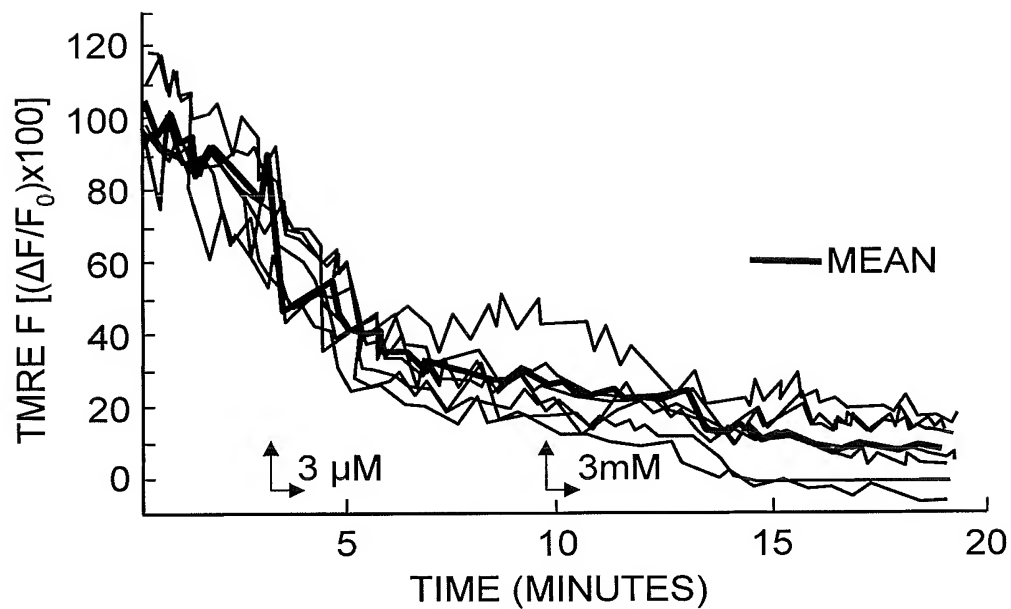


FIG. 4C

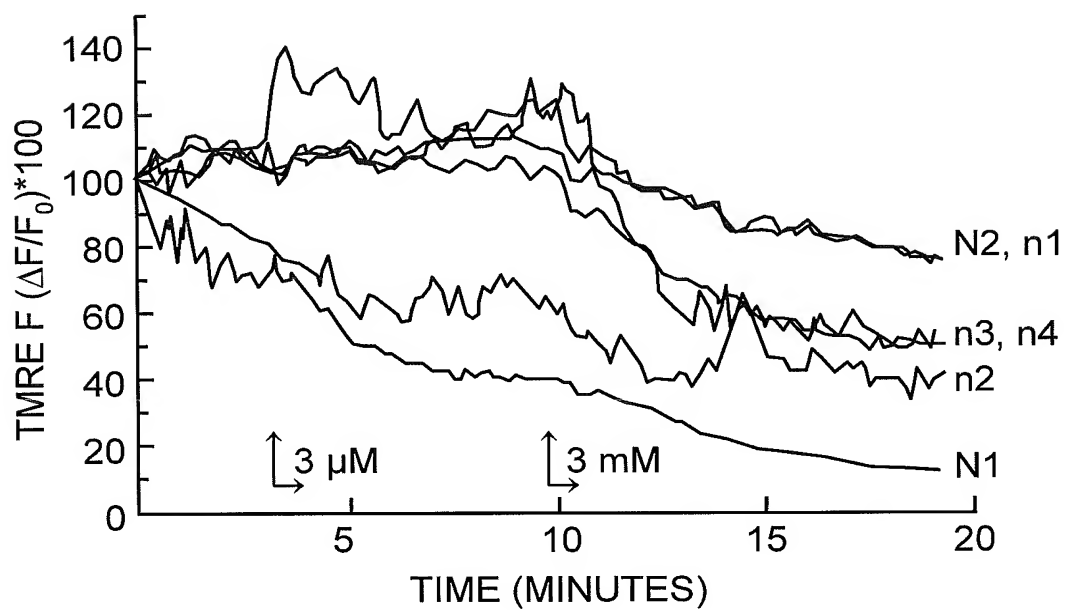
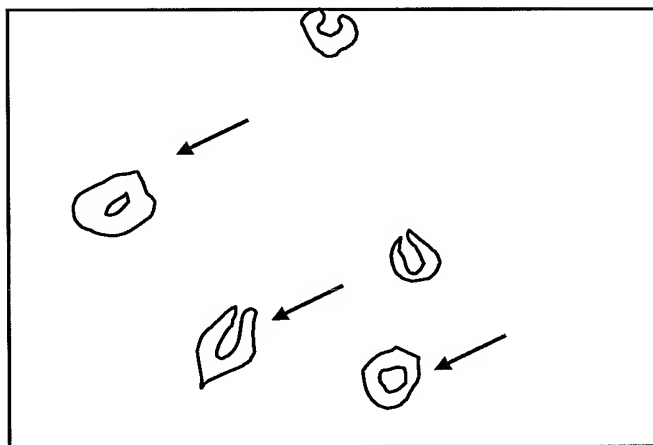
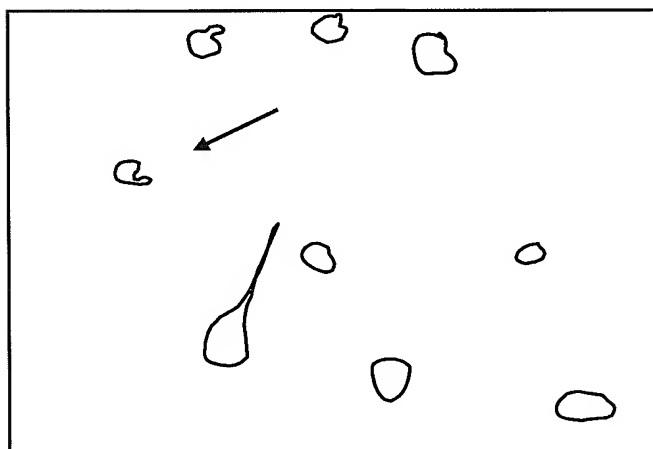


FIG. 4D

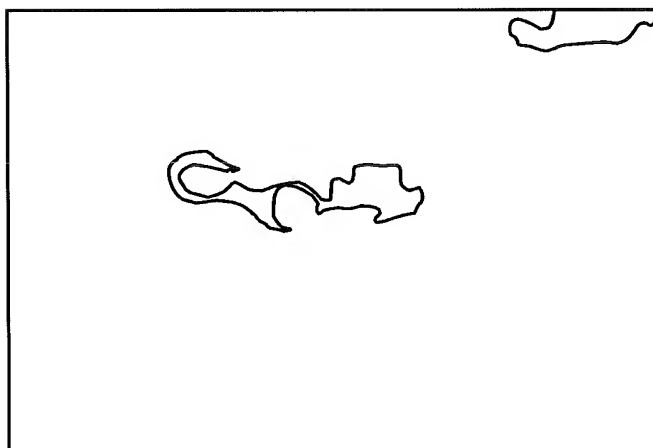
REPLACEMENT SHEET



*FIG. 5A*

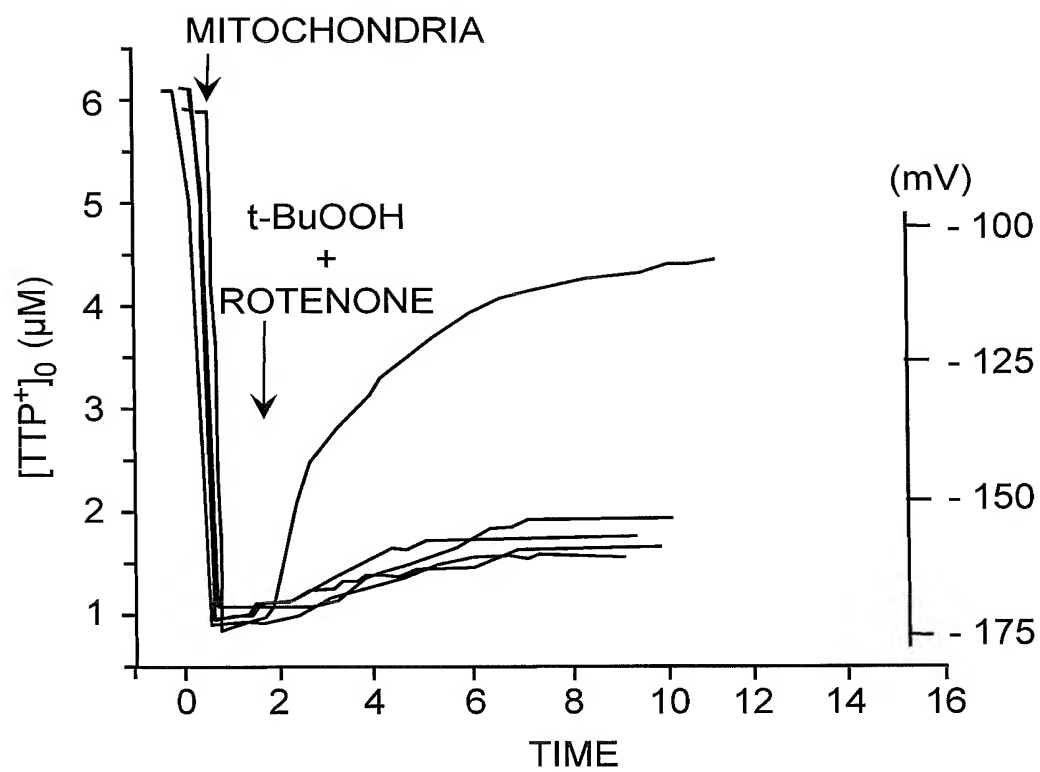


*FIG. 5B*



*FIG. 5C*

# REPLACEMENT SHEET



**FIG. 6**

# REPLACEMENT SHEET

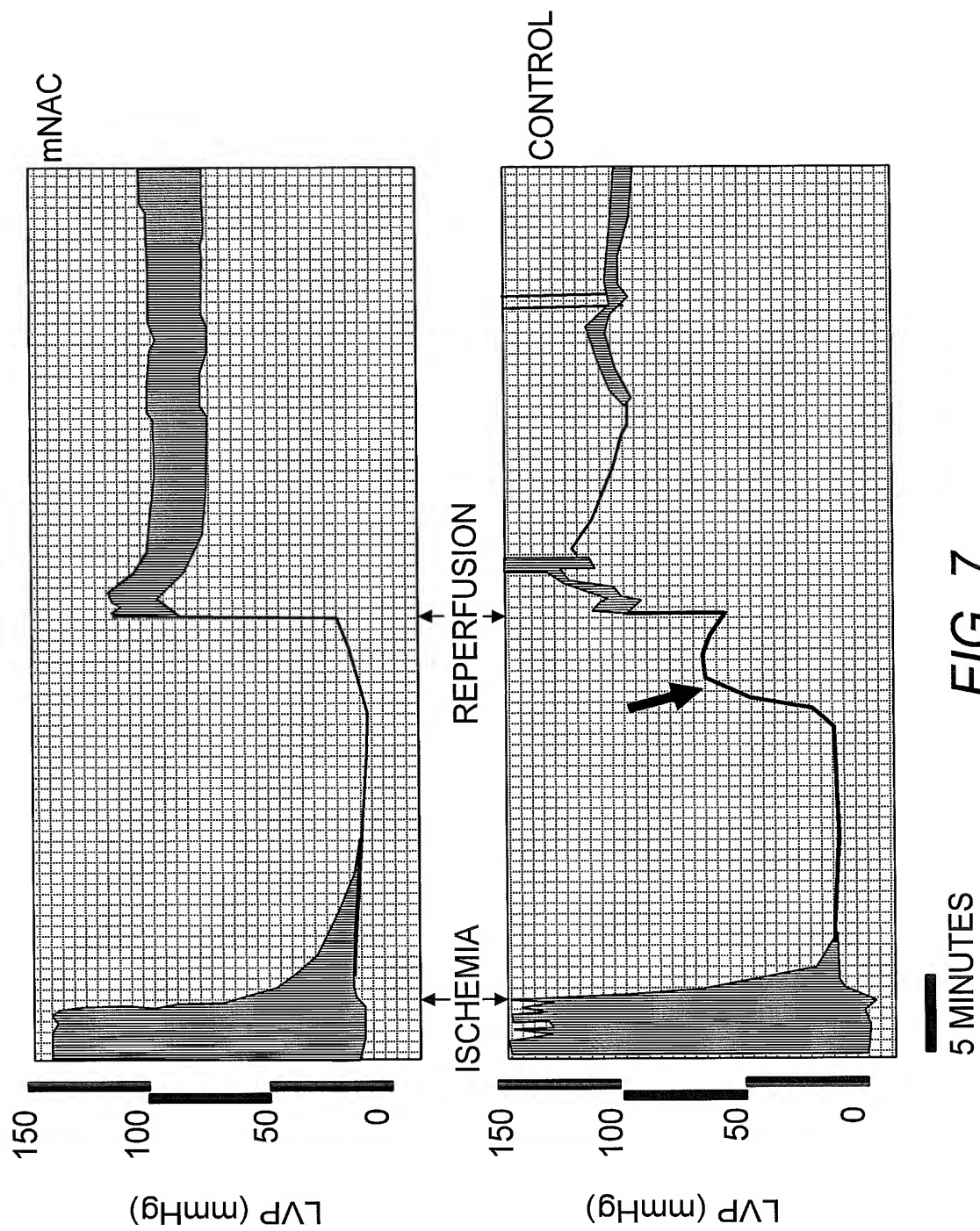


FIG. 7



# REPLACEMENT SHEET

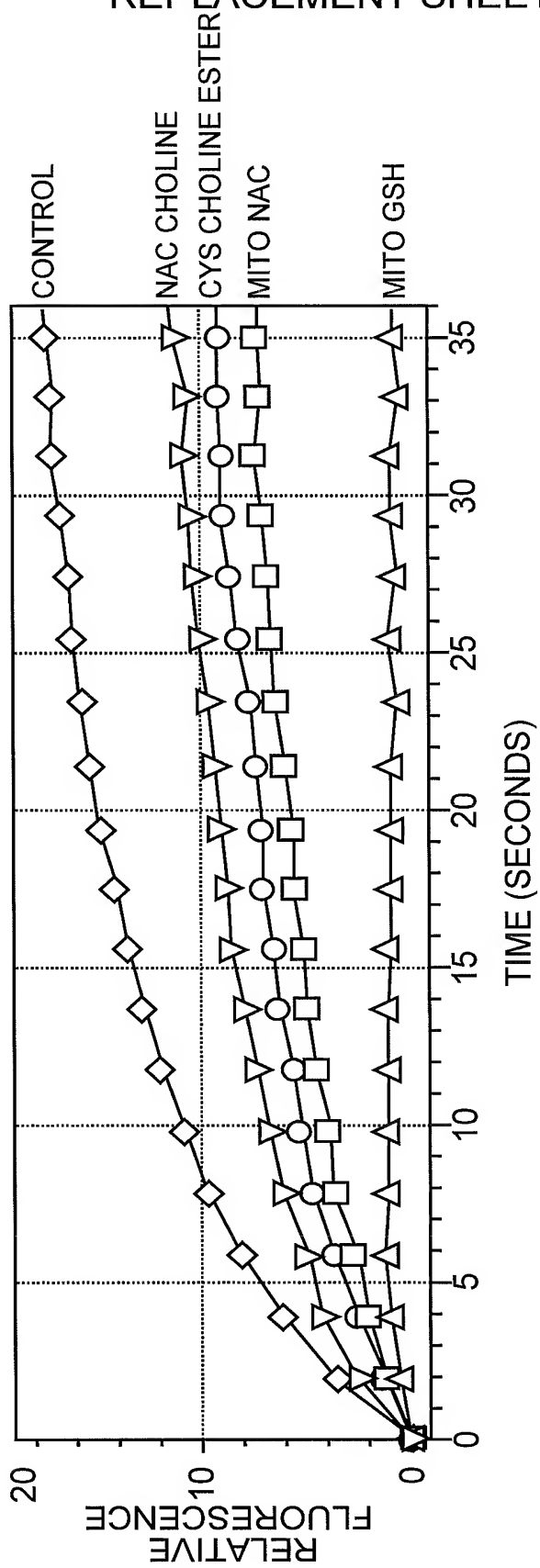
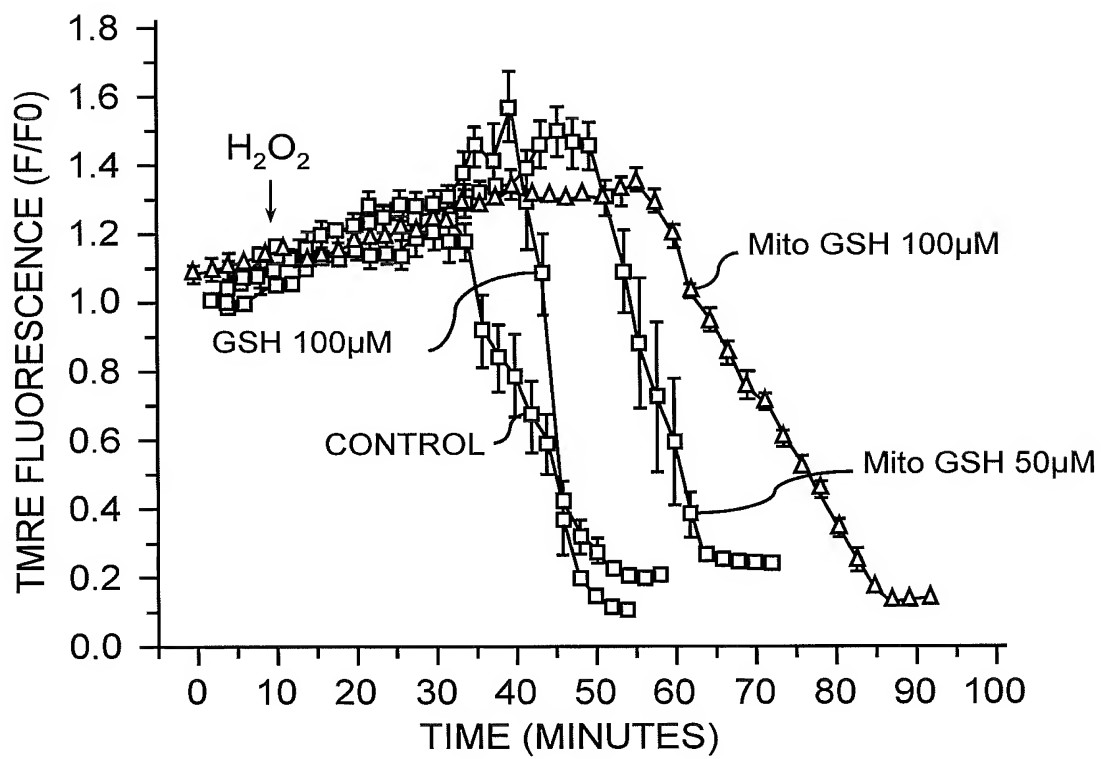


FIG. 8

## REPLACEMENT SHEET



**FIG. 9**

# REPLACEMENT SHEET

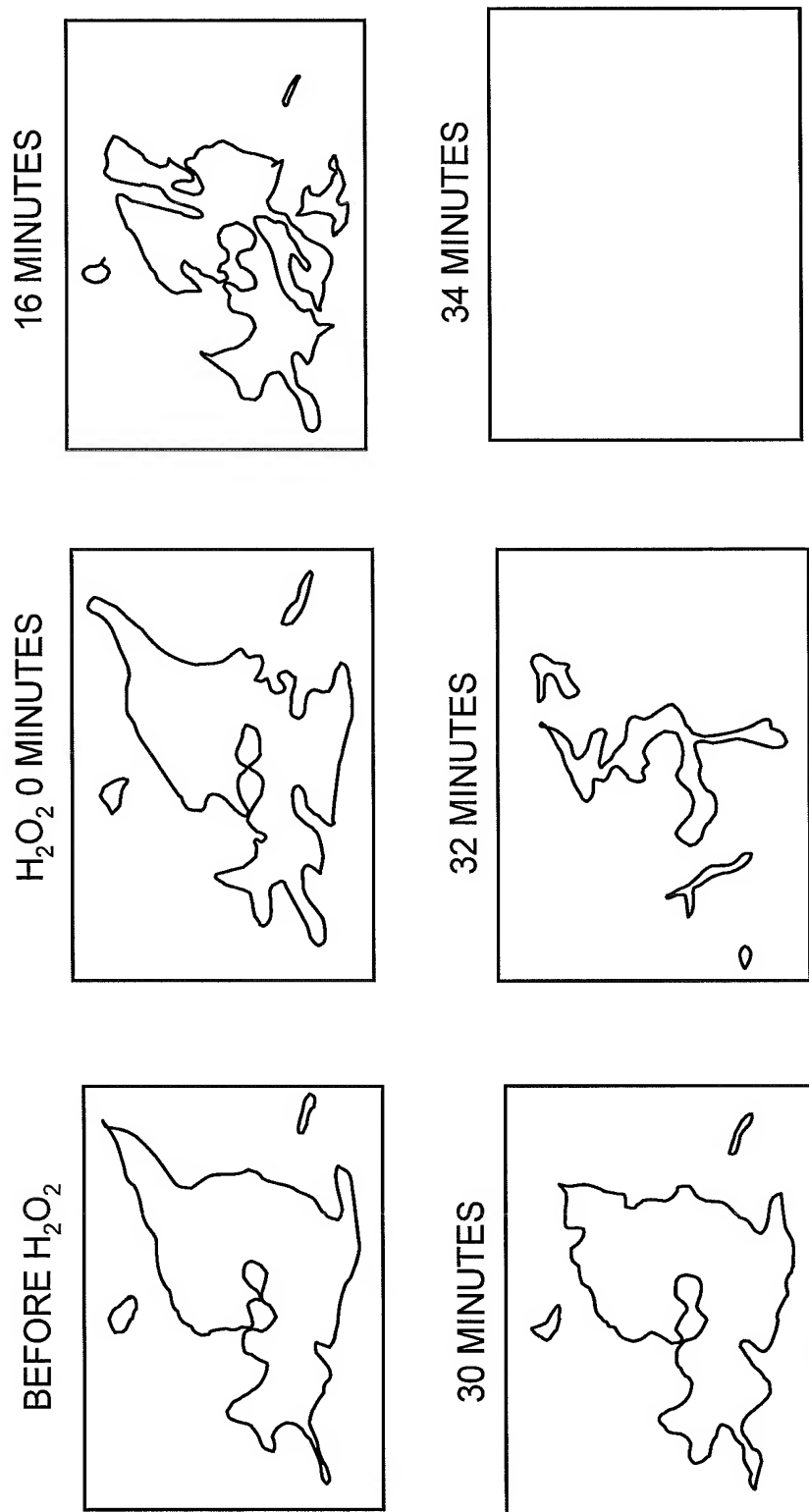
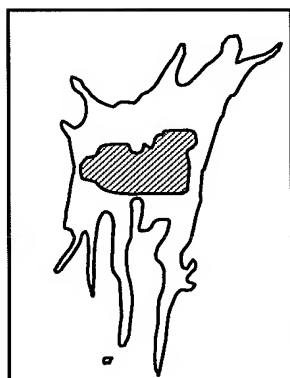


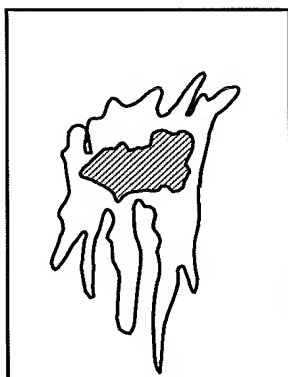
FIG. 10A

# REPLACEMENT SHEET

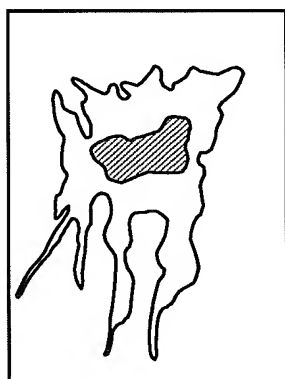
30 MINUTES — 10  $\mu$ m



16 MINUTES



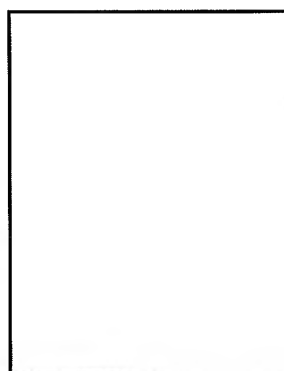
H<sub>2</sub>O<sub>2</sub> 0 MINUTES



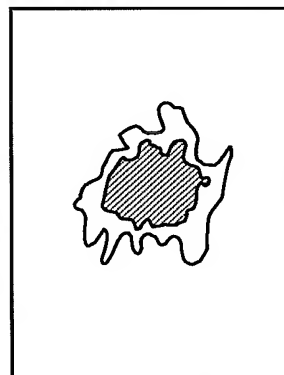
BEFORE H<sub>2</sub>O<sub>2</sub>



54 MINUTES



52 MINUTES



50 MINUTES

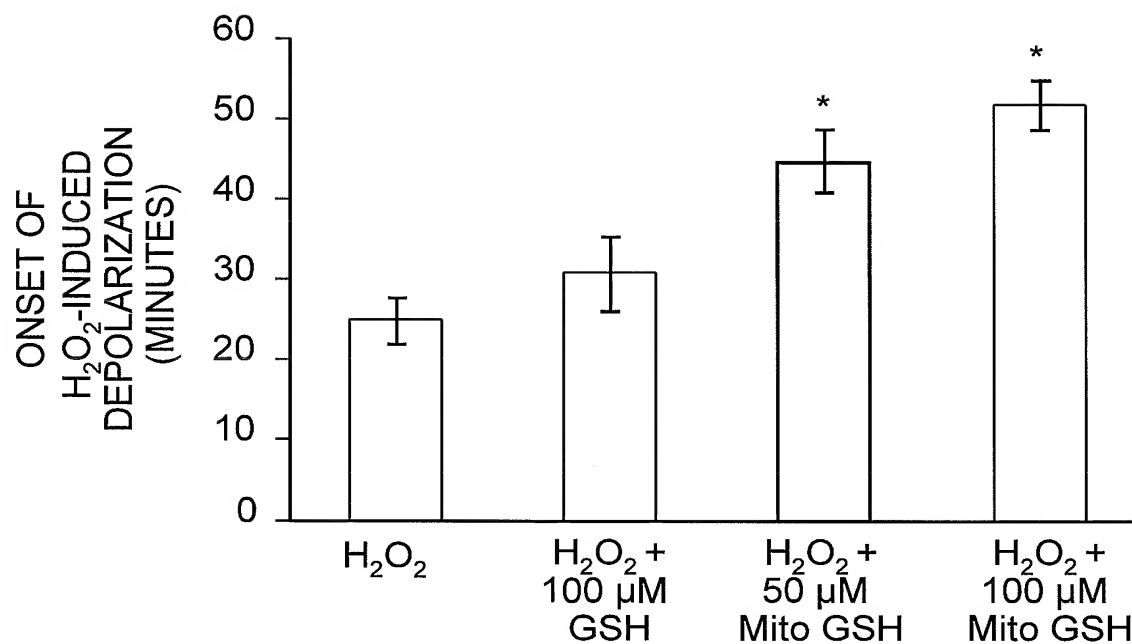


34 MINUTES

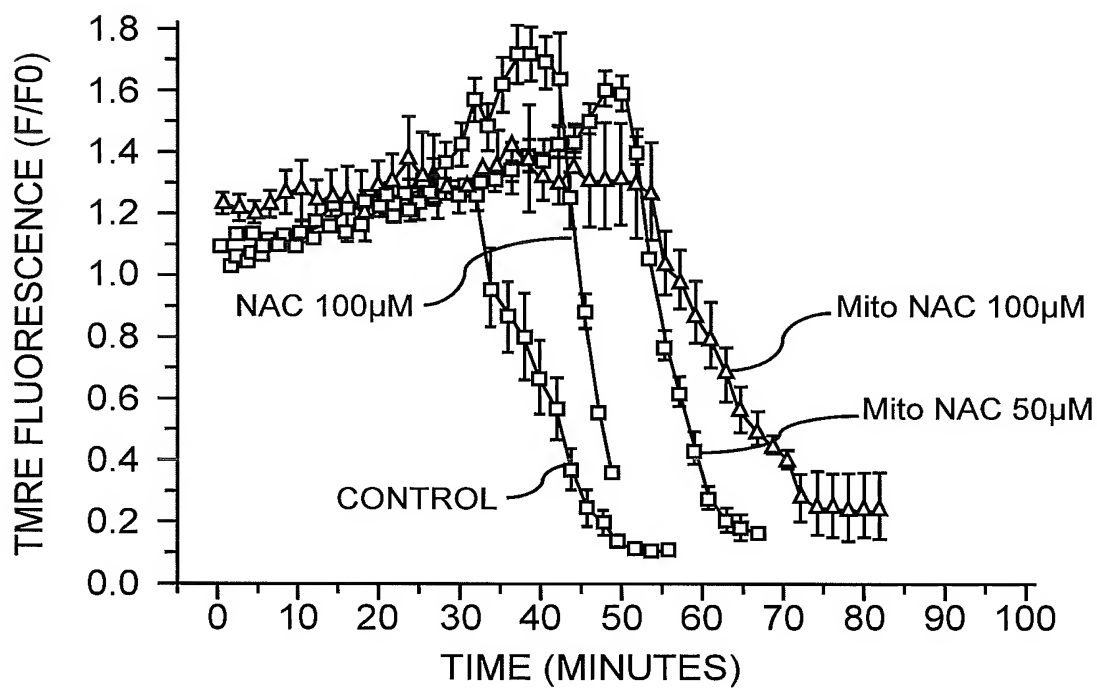


FIG. 10B

## REPLACEMENT SHEET

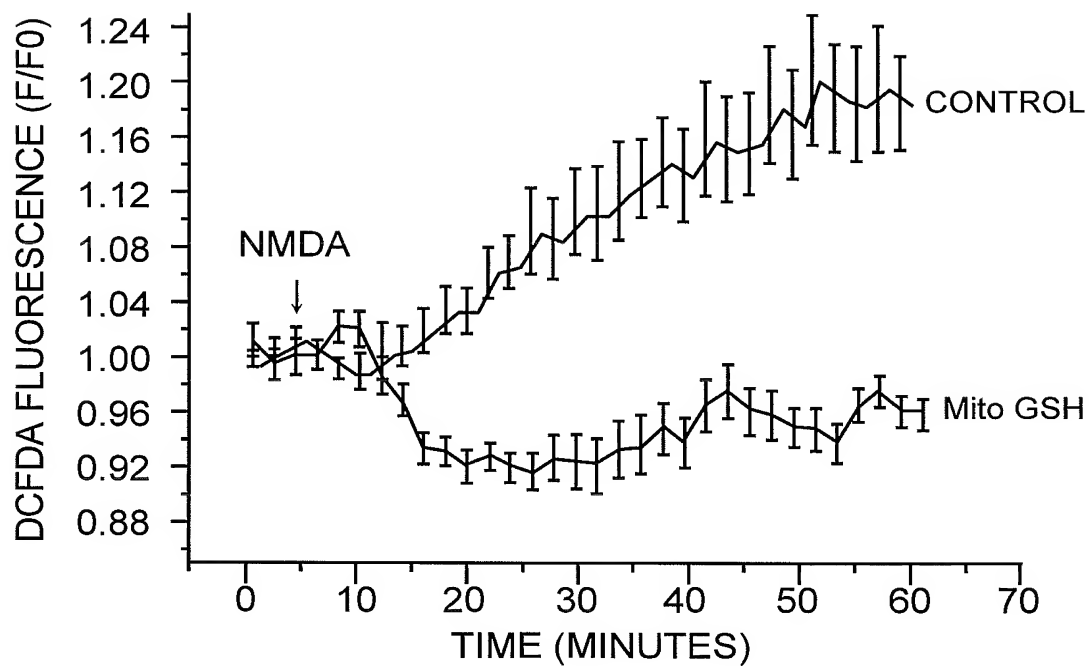


**FIG. 11**



**FIG. 12**

## REPLACEMENT SHEET



**FIG. 13**

| ANTIOXIDANT PRETREATMENT | TIME OF ONSET OF DEPOLARIZATION (MIN) |
|--------------------------|---------------------------------------|
| NONE (CONTROL)           | 8.1 ± 1.4                             |
| GSH                      | 9.2 ± 2.6                             |
| Mito GSH                 | 17.5 ± 2.1*                           |
| NAC                      | 10.5 ± 1.9                            |
| Mito NAC                 | 20.5 ± 3.6*                           |

**FIG. 14**